

SUBSTITUTE ABSTRACT

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Abstract:

--ABSTRACT OF THE DISCLOSURE

Flexible, armored pipes and methods of using the same are disclosed. In an exemplary embodiment, the flexible, armored pipe includes an inner liner which is surrounded by a pressure armor. The inner liner may be built-up by joining together profiles that have a number of recesses. In one embodiment, the profiles are configured as K-profiles, which have recesses that are arranged in adjoining surfaces of the profile. When the profiles are brought together, the recesses form a cavity in which a locking element can be inserted, the function of which is to prevent displacement of the K-profiles at right-angles to the axial direction of the pipe when exposed to axial, compressive forces. The locking element can be I-shaped, circular or configured as a wire with a C-shaped cross-section. The locking element can also be made either of a rigid or an elastic, deformable material. With a C-shaped locking element, the whole of the cavity, which is formed by the recesses, is not filled out. A channel is thereby formed through which undesired fluids can be led away or through which cleaning fluids can be introduced.--